1. (Original) Steam cycle with a steam generator, adapted to have thermal energy transferred to an operating medium and a power engine adapted to convert the thermal energy comprised in the operating medium to mechanical energy, characterized in that the operating medium contains at least one heterocyclic compound, especially a heterocyclic aromatic compound.

2. (Original) Steam cycle according to claim 1, characterized in that the operating medium is a mixture containing water and heterocyclic aromatic compounds, water being contained in an amount between 5 and 95 percent by weight and the heterocyclic compound in an amount between 5 and 95 percent by weight.

3. (Currently Amended) Steam cycle according to claim ~~1 or~~ 2, characterized in that the operating medium additionally contains one or more polymers which are mixable with water, surfactant and/or other organic lubricants.

4. (Currently Amended) Steam cycle according to ~~any of the foregoing claims~~claim 3, characterized in that the operating medium contains 2-methyl pyridine, 3-methyl pyridine, pyridine, pyrrole and/or pyridazine as a heterocyclic compound.

5. (Original) Steam cycle according to claim 3, characterized in that the polymer is polyethylene glycol or a polyphenyl, especially terphenyl.

6. (Original) Use of a heterocyclic aromatic compound, especially 2-methyl pyridine, in an operating medium for a steam cycle according to one of the above claims.

7. (New) Steam cycle according to claim 2, characterized in that the operating medium contains 2-methyl pyridine, 3-methyl pyridine, pyridine, pyrrole and/or pyridazine as a heterocyclic compound.

8. (New) Steam cycle according to claim 1, characterized in that the operating medium contains 2-methyl pyridine, 3-methyl pyridine, pyridine, pyrrole and/or pyridazine as a heterocyclic compound.

9. (New) Steam cycle according to claim 1, characterized in that the operating medium additionally contains one or more polymers which are mixable with water, surfactant and/or other organic lubricants.